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## WILLIAMS, MORGAN & AMERSON, P.C.

7676 HILLMONT, SUITE 250, HOUSTON, TX 77040  
(713) 934-7000 FAX (713) 934-7011

Danny L. Williams  
Terry D. Morgan  
J. Mike Amerson  
Kenneth D. Goodman  
Jeffrey A. Pyle  
Jaison C. John  
Bradley A. Misley  
Ruben S. Bains

Scott F. Diring\*  
George J. Oehling\*  
Shelley P.M. Fussey, Ph.D.\*  
Mark D. Moore, Ph.D.\*  
Louis H. Iselin, Ph.D.\*  
Raymund F. Eich, Ph.D.\*  
Thomas H. Belvin, Jr.\*  
Daren C. Davis\*  
Stephanie A. Wardwell, Ph.D.\*

\*Patent Agent

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NUMBER: EL 798365695 US  
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I hereby certify that this paper or fee is being deposited with the United States Postal Service with sufficient postage "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington D.C. 20231.

*Kathy Danas*  
Kathy Danas

JEFFREY A. PYLE  
(713) 934-4053

FILE: 2063.001700

December 17, 2001

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

RE: *U.S. Patent Application Entitled  
KALMAN FILTER WITH ADAPTIVE  
MEASUREMENT VARIANCE ESTIMATOR*  
*Inventor: John I. Lipp*  
*Client Reference: VS-00533*

Sir:

Transmitted herewith for filing are:

- (1) 29-page patent specification with 35 claims and an abstract (also Figures 1-8 on seven sheets);
- (2) Declaration;
- (3) Assignment and Recordation Form Cover Sheet;
- (4) Power of Attorney; and
- (5) Our check in the amount of the total filing fee (listed below).

WILLIAMS, MORGAN & AMERSON, P.C.

Assistant Commissioner for Patents  
December 17, 2001  
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All correspondence, notices, official letters and other communications should be directed to Jeffrey A. Pyle, Williams, Morgan & Amerson, P.C., 7676 Hillmont, Suite 250, Houston, TX 77040, and all telephone calls should be directed to Jeffrey A. Pyle at (713) 934-4053.

FILING FEE CALCULATION

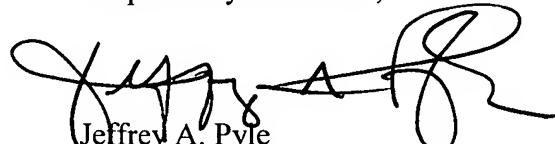
FOR		Small Entity	Large Entity
Total Claims	$35 - 20 = 15$	$x \$9 = \$$	$or x \$18 = \$ 270.00$
Independent Claims	$7 - 3 = 4$	$x \$42 = \$$	$or x \$84 = \$ 336.00$
Multiple Dependent Claim(s)		$+ \$140 = \$$	$or + \$280 = \$$
Basic Fee:		$+ \$370 = \$$	$or + \$740 = \$ 740.00$
Assignment Recording Fee:	(\$40 per assignee)	$+ \$ = \$$	$+ \$ = \$ 40.00$
<b>TOTAL FILING FEES</b>		<b>\$ 0.00</b>	<b>\$ 1386.00</b>

Pursuant to 37 C.F.R. § 1.10, Applicant requests that the Patent and Trademark Office accept this application and accord a serial number and filing date as of the date this application is deposited with the U.S. Postal Service for Express Mail.

If the check is inadvertently omitted, or should any additional fees under 37 C.F.R. §§ 1.16 to 1.21 be required for any reason relating to the enclosed materials, or should an overpayment be included herein, the Assistant Commissioner is authorized to deduct or credit said fees from or to Williams, Morgan & Amerson, P.C. Deposit Account No. 50-0786/2063.001700JAP.

Please date stamp and return the enclosed postcard to evidence receipt of these materials.

Respectfully submitted,



Jeffrey A. Pyle  
Reg. No. 34,904

ATTORNEY FOR APPLICANT

JAP:cm  
Enclosures